

ABSTRACT:

In a reduced power mode a first data processing unit forming part of a data processing system offers a second data processing unit access to its associated memory in order to optimize the use of energy and available resources. The first data processing unit requires reduced storage space in the reduced power mode, which remaining storage space can
5 be made available to the second data processing unit. The memory associated to the second data processing unit can be switched off to save energy, or can be removed altogether if the second data processing unit only operates in the reduced power mode.

Fig. 1

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